

# APPENDIX A

Exhibit	Bates	Date	Type	Speaker	Party
110	MATSUO 00026276	7/10/2008	03 - MK	Isawa	NCC
112	MATSUO 00000420	2/12/2009	03 - MK	Sato	TOKIN
119	MATSUO 00000478	6/17/2010	03 - MK	Date	TOKIN
199	SHINYEI-00000471	7/25/2008	04 - JFC	Yanagawa	Nissei
207	SHINYEI-00000476	2/12/2009	04 - JFC	Umeda	Panasonic
422	PAN_0000487	7/21/2006	05 - Bilateral	Takagaki	SANYO
446	MATSUO 00000575	5/20/2011	03 - MK	Sato	Holy Stone
529	UCC-CAP-00830812	4/26/2005	05 - Bilateral	Jackson	AVX
634	ELNA_NDCAL-00469508	4/19/2007	07 - Cup	Harima	ELNA
786	MATSUO 00000394	8/21/2008	03 - MK Godobu-kai	Date	TOKIN
822	SHINYEI-E-000692586	2/7/2013	04 - JFC	Ishigami	Taitso
824	SHINYEI-E-000131985	11/1/2013	04 - JFC	Ishigami	Taitso
873	AVX_F_0531466	4/23/2003	05 - Bilateral	Fujizuka	Hitachi
919	RUB_001255957	2/14/2007	03 - MK	Isawa	NCC
920	HIT00122916	6/2/2007	03 - MK Presidents'	Ochiai	Hitachi
926	HIT00102859	11/14/2007	03 - MK Presidents'	Katsuyama	Rubycon
957	AVX_F_0975673	5/14/2007	05 - Bilateral	King	AVX
961	AVX_F_0922095	10/15/2003	06 - Multilateral (other)	Smyth	AVX
1003	MATSUO 00041735	8/11/2010	05 - Bilateral	Ohkubo	Matsuo
1019	RUB_003459952	5/21/2008	07 - Cup	Miyashita	Rubycon
1022	RUB_001769265	6/2/2008	07 - Cup	Miyashita	Rubycon
1025	RUB_001291692	7/15/2008	07 - Cup	Nakayama	Rubycon
1204	PAN_0000218	2/17/2008	04 - JFC	Yanagawa	Nissei
1303	RUB_001289028	6/18/2008	05 - Bilateral	Matsuzaka	NCC
1356	RUB_003345797	2/4/2003	01 - ECC	Kasuga	Rubycon
1363	RUB_001781890	6/25/2008	07 - Cup	Nakayama	Rubycon
1540	MATSUO 00065290	9/13/2006	03 - MK	Takamura	ELNA
1570	SHINYEI-00000493	9/14/2007	04 - JFC	Tanabe	Shinyei
1581	SHINYEI-00000481	12/10/2009	04 - JFC	Suzuki	NCC
1582	SHINYEI-00000457	2/10/2010	04 - JFC	Suzuki	NCC
1591	SHINYEI-00000467	12/8/2011	04 - JFC	Yanagawa	Nissei
1598	SHINYEI-E-000692844	9/9/2012	04 - JFC	Yanagawa	Nissei
1599	SHINYEI-E-000099048	4/20/2012	04 - JFC	Tanabe	Shinyei
1630	NICHICON0014783	1/23/2002	01 - ECC	Yokoyama	ELNA
1631	RUB_002306694	5/15/2003	01 - ECC	Hiraoka	NCC
1640	RUB_000006436	8/29/2002	01 - ECC	Hayashi	Rubycon
1645	AVX_0163633	6/8/2004	05 - Bilateral	King	AVX
1720	MATSUO 00000959	11/10/2005	03 - MK Presidents'	Shimizu	Matsuo
1725	HIT00086241	6/10/2008	03 - MK Presidents'	Ochiai	Hitachi
1760	RUB_002308600	11/14/2001	01 - ECC Presidents'	Kurata	Matsuo
1781	RUB_003459989	6/25/2010	05 - Bilateral	Nakayama	Rubycon
1859	RUB_001531695	9/19/2005	08 - ASEAN SM	Takahashi	NCC
1868	RUB_001624808	10/19/2006	08 - ASEAN SM	Nishizaka	Panasonic
1902	PAN-C2256358	10/5/2003	02 - ATC	Takagaki	SANYO
1938	RUB_001213802	7/29/2005	05 - Bilateral	Ouchi	Rubycon
1999	RUB_002306740	12/25/2006	07 - Cup	Ide	Rubycon
2004	RUB_003535666	9/28/2011	09 - Hong Kong SM	Arima	NCC
2167	RUB_003459889	3/15/2006	08 - ASEAN SM	Koike	Rubycon
2194	RUB_000646220	6/15/2012	08 - ASEAN SM	Takahashi	NCC

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2331	RUB_001968085	2/18/2010	03 - MK	Date	TOKIN
2570	RUB_000678889	4/21/2004	02 - ATC	Mitsuhori	Rubycon
2571	RUB_002308583	5/13/2004	02 - ATC Presidents'	Takeda	Nichicon
2572	RUB_000678912	6/17/2004	02 - ATC	Nishiyama	SANYO
2769	HIT00109849	11/11/2004	02 - ATC Presidents'	Nishiyama	SANYO
2813	PAN-C2691226	10/20/2008	05 - Bilateral	Nishimoto	SANYO
2864	UCC-CAP-00927428	6/29/2010	05 - Bilateral	Olita	NCC
2871	UCC-CAP-00144484	8/25/2011	05 - Bilateral	Ohta	UCC
4659	HS00113621	3/23/2012	03 - MK	Sato	Holy Stone
4713	RUB_001806294	11/18/2008	09 - Hong Kong SM	Arima	NCC
4770	NEC-C0025280	12/14/2009	05 - Bilateral	Sato	TOKIN
4900	TAITSU-000006008	4/24/2013	04 - JFC	Ishigami	Taitso
5110	RUB_001989456	6/8/2010	09 - Hong Kong SM	Arima	NCC
5254	RUB_003343141	1/29/2003	01 - ECC	Nishiyama	SANYO
5705	NICHICON0014858	11/20/2003	05 - Bilateral	Suginaga	Hitachi
5901	HIT00001221	3/14/2005	03 - MK	Hiraoka	NCC
5913	RUB_000643852	11/11/2011	06 - Multilateral (other)	Shirotori	Rubycon
7000	RUB_003459910	6/27/2006	08 - ASEAN SM	Kinoshita	ELNA
7373	RUB_000643638	11/30/2007	05 - Bilateral	Ai	Rubycon
8013	PAN-C0008709	4/22/2009	05 - Bilateral	Yoshida	SANYO
8015	PAN-CU004366910	1/25/2009	05 - Bilateral	Nishimoto	SANYO
8089	NCC-CAP-00366652	1/19/2009	05 - Bilateral	Matsuzaka	NCC
8319	RUB_003459993	10/29/2008	08 - ASEAN SM	Nishizaka	Panasonic
8510	PAN-CU006189873	2/23/2010	05 - Bilateral	Kasuga	Rubycon
8723	RUB_003459621	9/18/2002	01 - ECC	Hayashi	Rubycon
12320	ELNA_NDCAL-00956759	4/21/2008	08 - ASEAN SM	Sugishita	Nichicon
12322	ELNA_NDCAL-01290807	3/17/2006	03 - MK	Hiraoka	NCC
12398	KEM0704193	5/25/2010	05 - Bilateral	Drabik	KEMET
12461	KEM1395541	10/17/2002	05 - Bilateral	Oka	TOKIN
13196	PAN-C0002010	2/20/2005	04 - JFC	Miyoshi	Panasonic
13249	PAN-C2733929	8/29/2003	02 - ATC	Kato	Nichicon

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13249	PAN-C2733929	8/29/2003	02 - ATC	Kato	Nichicon
1902	PAN-C2256358	10/5/2003	02 - ATC	Takagaki	SANYO
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2572	RUB_000678912	6/17/2004	02 - ATC	Nishiyama	SANYO
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12322	ELNA_NDCAL-01290807	3/17/2006	03 - MK	Hiraoka	NCC
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422	PAN_0000487	7/21/2006	05 - Bilateral	Takagaki	SANYO
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926	HIT00102859	11/14/2007	03 - MK Presidents'	Katsuyama	Rubycon
7373	RUB_000643638	11/30/2007	05 - Bilateral	Ai	Rubycon
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1303	RUB_001289028	6/18/2008	05 - Bilateral	Matsuzaka	NCC
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4713	RUB_001806294	11/18/2008	09 - Hong Kong SM	Arima	NCC
8089	NCC-CAP-00366652	1/19/2009	05 - Bilateral	Matsuzaka	NCC
8015	PAN-CU004366910	1/25/2009	05 - Bilateral	Nishimoto	SANYO
112	MATSUO 00000420	2/12/2009	03 - MK	Sato	TOKIN
207	SHINYEI-00000476	2/12/2009	04 - JFC	Umeda	Panasonic
8013	PAN-C0008709	4/22/2009	05 - Bilateral	Yoshida	SANYO
1581	SHINYEI-00000481	12/10/2009	04 - JFC	Suzuki	NCC
4770	NEC-C0025280	12/14/2009	05 - Bilateral	Sato	TOKIN
1582	SHINYEI-00000457	2/10/2010	04 - JFC	Suzuki	NCC
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2194	RUB_000646220	6/15/2012	08 - ASEAN SM	Takahashi	NCC
1598	SHINYEI-E-000692844	9/9/2012	04 - JFC	Yanagawa	Nissei
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4900	TAITSU-000006008	4/24/2013	04 - JFC	Ishigami	Taitso
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1760	RUB_002308600	11/14/2001	01 - ECC Presidents'	Kurata	Matsuo
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2570	RUB_000678889	4/21/2004	02 - ATC	Mitsuohori	Rubycon
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4770	NEC-C0025280	12/14/2009	05 - Bilateral	Sato	TOKIN
8510	PAN-CU006189873	2/23/2010	05 - Bilateral	Kasuga	Rubycon
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2004	RUB_003535666	9/28/2011	09 - Hong Kong SM	Arima	NCC



**APPENDIX A: Co-Conspirator Statements (Documents)**

<b>Ex. No. 110</b> MATSUO 00026276 Document Author: Atsushi KOYAMA Speaker: Takuro ISAWA	<b>July 10, 2008</b> Contact Type: MK Affiliation: Matsuo Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy at an MK meeting in Tokyo. Under “3. Each company’s presentation,” Nippon Chemi-Con attendee stated about customer Sony: “Offered price increase. Offered extra 10% for the old model and 5% for the regular type product. They made a comment that they wanted to settle the issue at around 3-5%.” Nippon Chemi-Con attendee also stated: “if each Aluminum [capacitor] maker individually deals with Halogen free, the cost will go up, thus I would like to offer the price after discussing it with all other companies.” Participants: ELNA, Hitachi, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	
<b>Ex. No. 112</b> MATSUO 00000420 Document Author: Satoshi OHKUBO Speaker: Hideaki SATO	<b>February 12, 2009</b> Contact Type: MK Affiliation: Matsuo Affiliation: NEC TOKIN
Meeting report recording members transacting the business of the conspiracy at an MK meeting in Tokyo. Attendees discussed margins on sales and capacity utilization. Report also states that NEC TOKIN’s Sato offered information regarding a production capacity reduction by AVX and a reduction in production by KEMET. NCC’s Isawa reported NCC pricing information. Attendees planned a dinner party to be hosted by ELNA President Aono for the next meeting. Participants: ELNA, Fujitsu, Matsuo, NEC TOKIN, NCC, and Rubycon.	
<b>Ex. No. 119</b> MATSUO 00000478 Document Author: Satoshi OHKUBO Speaker: Tomohide DATE	<b>June 17, 2010</b> Contact Type: MK Affiliation: Matsuo Affiliation: NEC TOKIN
Meeting report recording members transacting the business of the conspiracy at an MK meeting in Tokyo. NEC TOKIN’s attendee Date reported that for manganese oxide tantalum capacitors, “competing companies (especially, AVX and KEMET) are increasing prices or declining orders. Nichicon is moving towards a large price increase. Nichicon in particular has requested a price increase for all customers. It seems that low-priced sales, if there are any, will be reported to Chairman Takeda immediately and so all salespersons are making a serious attempt to increase prices.” Also stated is that NEC TOKIN “will request a price increase from all customers.” Participants: ELNA, Matsuo, NEC TOKIN, NCC, ROHM, Rubycon, and SANYO.	



<b>Ex. No. 199</b> SHINYEI-00000471 Document Author: Takehisa OKUMURA Speaker: Yuji YANAGAWA	<b>July 25, 2008</b> Contact Type: JFC Affiliation: Shinyei Affiliation: Nissei
Meeting report authored by Shinyei representative director Takehisa Okumura recording members transacting the business of the conspiracy and reflecting sharing of information about implementation at a JFC meeting in Tokyo. Nissei's attendee stated: "Currently proposing price increase requests to each of the companies." Participants: Hitachi, NCC, Nissei, Nitsuko, Okaya, Panasonic, Shinyei, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 207</b> SHINYEI-00000476 Document Author: Takehisa OKUMURA Speaker: Shinobu ISHIGAMI	<b>February 12, 2009</b> Contact Type: JFC Affiliation: Shinyei Affiliation: Taitsu
Meeting report authored by Shinyei representative director Takehisa Okumura recording members transacting the business of the conspiracy and reflecting sharing of information about implementation at a JFC meeting held in Tokyo. Minutes include Panasonic's attendee reporting information about demand from the U.S. automotive sector. Attendees reported capacity utilization. Taitsu's attendee Shinobu Ishigami stated in part: "In terms of plant operation, the current situation is . . . there are 3 days off a week (in Malaysia) plant where Friday is a holiday for the time being." Participants: NCC, Nissei, Okaya, Panasonic, Shinyei, Soshin, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 422</b> PAN_0000487 Document Author: Shinji TAKAGAKI Speaker: Shinji TAKAGAKI	<b>July 21, 2006</b> Contact Type: Bilateral Affiliation: SANYO Affiliation: SANYO
SANYO Capacitor Business Unit Leader Shinji Takagaki writes email with the subject line "Kemet" to his SANYO colleagues Hideki Ishida and Shinichi Torii sharing information about the interaction between KEMET and SANYO and calling for concealment. "It is important to expand the market, and exchanging information is useful for that. However, it may become a double-edged sword at times. To the extent possible, try to exchange verbally so that no evidence is left behind. Especially, pricing figures and important presentation materials. Because Edward-san is a somewhat suspicious person." Participants: KEMET and SANYO	

<b>Ex. No. 446</b>	<b>May 20, 2011</b>
MATSUO 00000575	Contact Type: MK
Document Author: Satoshi OHKUBO	Affiliation: Matsuo
Speaker: Katsunori SATO	Affiliation: Holy Stone
Meeting report recording members transacting the business of the conspiracy at an MK meeting in Tokyo. Holy Stone's attendee, sales manager Katsunori Sato, reported that Holy Stone's Taiwan parent "has price issues because exchange rate is unfavorable for Japan production to deliver China," and stated prices of several capacitor products in U.S. dollars and Japanese yen. Participants: ELNA, Holy Stone, Matsuo, NEC TOKIN, NCC, and Rubycon.	

  

<b>Ex. No. 529</b>	<b>April 26, 2005</b>
UCC-CAP-00830812	Contact Type: Bilateral
Document Author: Tsuneo OHTA	Affiliation: NCC
Speaker: C. Marshall JACKSON	Affiliation: AVX
Notes written by Tsuneo Ohta of NCC's European affiliate ECC of a meeting between NCC/UCC and AVX reflecting the two sides transacting the business of the conspiracy. AVX attendees were Executive VP Marshall Jackson; Divisional VP, Product Marketing Willing King; and Technical and Quality Director, Tantalum Division Bill Millman. NCC attendees in addition to Ohta were UCC President & CEO Noriaki Kakizaki, and UCC Director of Sales Tony Olita. AVX's Jackson stated that AVX "wants to partner long term with polymer product" in the United States and Europe." Jackson advised AVX would respect UCC and ECC customers if we recommended that they stay away from them." UCC's Olita asked, "How do we avoid competing with each other?" Jackson proposed "to share information from time to time, perhaps on monthly basis, about market and customer development so we do not intrude on each other." Participants: AVX, NCC, UCC.	

  

<b>Ex. No. 634</b>	<b>April 19, 2007</b>
ELNA_NDCAL-00469508	Contact Type: Cup
Document Author: Yukihiro HARIMA	Affiliation: ELNA
Speaker: Yukihiro HARIMA	Affiliation: ELNA
ELNA sales manager writes to his colleagues Satoshi Ohkubo and Hiroyuki Imai to provide information about activities at a Cup meeting among Defendants. A table entitled "Information on other firms" describes the price increase negotiation status of Nichicon, Nippon Chemi-Con, Rubycon, Hitachi and ELNA with respect to certain identified customers. Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.	

<b>Ex. No. 786</b>	<b>August 21, 2008</b>
MATSUO 00000394	Contact Type: MK Godobu-kai
Document Author: Atsushi KOYAMA	Affiliation: Matsuo
Speaker: Tomohide DATE	Affiliation: NEC TOKIN
Meeting report by Matsuo sales manager Atsushi Koyama recording members transacting the business of the conspiracy and sharing information about cartel activities at an MK meeting in Tokyo. Notes state that attendees discussed each company's performance and future forecast broken out into six types of aluminum and two types of tantalum capacitors and by end use sector. A note on the page concerning the presentation by NEC TOKIN officer Tomohide Date refers to an "AVX, Kemet price increase" and a "13% price hike." It also refers to "Price restoration 5%." The Rubycon page includes the notes, "We are executing the price increase" and "we will continue price restoration due to the hike in the material and electricity fee." The page 3 discusses U.S. market conditions and refers to the U.S. automotive "BIG 3." The following pages for Matsuo and ELNA also discuss U.S. automaker demand. Participants: ELNA, Fujitsu, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	
<b>Ex. No. 822</b>	<b>February 7, 2013</b>
SHINYEI-E-000692586	Contact Type: JFC
Document Author: Yashuhiko ADACHI	Affiliation: Shinyei
Speaker: Shinobu ISHIGAMI	Affiliation: Taitsu
Minutes of a JFC meeting at Toshin Kogyo's office in Tokyo, written by Shinyei sales manager Yashuhiko Adachi, recording members transacting the business of the conspiracy. Toshin Kogyo president Kanji Kasahara reported: "Overseas was active in December for some unknown reason." Also, "We want to keep an eye on movement of the exchange rate." Mr. Ishigami reported: "Current inquiries are all for inexpensive items. Even if sales drop from April, we want to make profits a priority." NCC's Katsutoshi Suzuki stated: "Automobiles in Japan are failing, but are starting well in America. 3.2% increase." Participants: NCC, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 824</b>	<b>November 1, 2013</b>
SHINYEI-E-000131985	Contact Type: JFC
Document Author: Yashuhiko ADACHI	Affiliation: Shinyei
Speaker: Shinobu ISHIGAMI	Affiliation: Taitsu
Minutes of a JFC meeting at Toshin Kogyo's office in Tokyo, written by Shinyei sales manager Yashuhiko Adachi, recording members transacting the business of the conspiracy. The notes reflect a question about Nissei and an intention to invite Nissei's Yuji Yanagawa to participate at the next session. In an appended separate note, Adachi reported a followup call from attendee Taitsu's Ishigami: "He called and asked if we are selling 400V 474J at \$0.199 or less to Marvel? I answered yes . . ." Participants: NCC, Nissei, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	

<b>Ex. No. 873</b> AVX_F_0531466 Document Author: Keiichi FUJIZUKA Speaker: Keiichi FUJIZUKA	<b>April 23, 2003</b> Contact Type: Bilateral Affiliation: Hitachi Affiliation: Hitachi
Hitachi sales manager Keiichi Fujizuka wrote to John Gill of AVX in an effort to recruit AVX into closer coordination with Hitachi, stating: “The reason I am writing this E-Mail is we got quite shocking information from Taiwan that is Visay [Vishay] recently offered 18 cents for A case size (the lowest price we have ever seen world wide for A case was 22cents from NEC). We are quite lucky we are not involved in this low price market area . . . but this price trend destruct all tantalum manufactures [manufacturers]. Do you think this situation will be [sic] continue? If you can we would like to start again communicate anything beneficial for our two parties, it is very much appreciated for us.” Gill forwarded the email to his AVX colleagues Millman and Collis and stated: “Peter, Not sure who you want to contact Fujizuka san going forward. He’s occasionally useful as a contact.” Participants: AVX and Hitachi.	
<b>Ex. No. 919</b> RUB_001255957 Document Author: Akira NAKAYAMA Speaker: Takuro ISAWA	<b>February 14, 2007</b> Contact Type: MK Affiliation: Rubycon Affiliation: NCC
Meeting report by Matsuo sales manager Atsushi Koyama recording members transacting the business of the conspiracy at an MK meeting in Tokyo. NCC Sales Headquarters official Takuro Isawa announced: “At Nippon Chemi-Con, we are restoring prices in the name of ‘bad selling price.’” Hitachi AIC’s Nishijima stated: “Al [aluminum capacitors] has remained steady for the whole industry; price increases are being pushed through (screw terminal is two digits up with 1 part).” Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, NCC, and Rubycon.	
<b>Ex. No. 920</b> HIT00122916 Document Author: Hideaki OCHIAI Speaker: Hideaki OCHIAI	<b>June 2, 2007</b> Contact Type: MK Presidents’ Affiliation: Hitachi Affiliation: Hitachi
Internal report by Hitachi operations manager Hideaki Ochiai describing members attending an MK Minazuki-kai Presidents’ meeting to transact the business of the conspiracy and sharing information about cartel activities. “In view of the fact that each company is particularly concerned about Ta conductive and underside terminal trends, we have been telling the industry the numbers in red below.” About Aluminum [aluminum capacitors], Ochiai also reported: “due in part to the pain of material cost increases that have also affected other companies, we would like to strive to stabilize the market price, including adjustment to fair pricing.” Participants: ELNA, Hitachi, NEC TOKIN, NCC, ROHM, and SANYO.	

<b>Ex. No. 926</b>	<b>November 14, 2007</b>
HIT00102859	Contact Type: MK Presidents'
Document Author: Hideaki OCHIAI	Affiliation: Hitachi
Speaker: Shuichi KATSUYAMA	Affiliation: Rubycon
Internal report by Hitachi operations manager Hideaki Ochiai describing members attending n MK Shimotsuki-kai Presidents' meeting to transact the business of the conspiracy and reassure one another about their commitment to the scheme. Report reads under "The aluminum market" in part: "... this is not the time for price reductions, but is the time when we should emphasize sustaining prices in preparation for the shortage in supply next year, and every company should put effort into the production trends of liquid crystal TVs and hold firm on sustaining prices." Under "Report on the market situation at each company," NCC President stated: "We need to hold firm on prices in order to invest in facilities next year, and we really want to prohibit price decreases." Rubycon President Shuichi Katsuyama stated: "we are implementing price increases." SANYO's Nishiyama also stated: "we are looking at a strategy of price increases while reducing staffing." Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	

  

<b>Ex. No. 957</b>	<b>May 14, 2007</b>
AVX_F_0975673	Contact Type: Bilateral
Document Author: Willing KING	Affiliation: AVX
Speaker: Willing KING	Affiliation: AVX
Willing King of AVX wrote an email to his AVX colleagues Kelvin Ong with Peter Collis of AVX copied to instruct Ong about his planned meeting the following week with Tomohide Date of NEC TOKIN. King noted that in addition to discussing private labeling of capacitors with Date, "also, we talked about some other things which I will talk to you later on," indicating an effort to conceal information. King then followed up with Ong after the meeting. Participants: AVX and NEC TOKIN.	

<b>Ex. No. 961</b>	<b>October 15, 2003</b>
AVX_F_0922095	Contact Type: Multilateral (other)
Document Author: Neil SMYTH	Affiliation: AVX
Speaker: Neil SMYTH	Affiliation: AVX
<p>AVX Marketing Director Smyth emailed AVX personnel including Willing King, Peter Collis, Gordon Hoey, Marshall Jackson and others offering information about cartel activities, reporting among other things: “On MLCC Kemet aggressively attacked the pricing strategy of Yageo and Samsung, this was the most animated discussion (attack) I have witnessed at an ECTSP meeting. I stated that we would start to increase pricing in distribution and I believe we can work with Kemet who will do the same.” Regarding tantalum, “We obviously discussed the recent and upcoming negotiations . . . [Kemet] are now coming under severe pressure to increase this [Siemens] pricing as this is the worst margin business they have worldwide. I have told Kemet if they increase the B107/4 we will follow. Also agreed with Kemet and Epcos that we should not participate in the cluster structure at Siemens. Of course this discussion will take place next year.” Report also states: “Disty –The Marketing manager for tantalum was not there from Vishay but we will try to arrange something in a few weeks time to have a discussion. Kemet also admitted they have some very low ship and debit deals / pricing with TTI which they want to get out of. . . . they are now have a lot of business which in the current environment they really do not want and want to raise the pricing.” Participants: AVX, EPCOS, KEMET, and ROHM. Also Samsung and TDK.</p>	
<b>Ex. No. 1003</b>	<b>August 11, 2010</b>
MATSUO 00041735	Contact Type: Bilateral
Document Author: Satoshi OHKUBO	Affiliation: Matsuo
Speaker: Satoshi OHKUBO	Affiliation: Matsuo
<p>Matsuo sales manager Satoshi Ohkubo reports on a bilateral meeting transacting the business of the conspiracy that he held with Katsunori Sato of Holy Stone. For Calsonic Kansei, Ohkubo reported: “they asked to confirm the price information held by our company.” For Keihin, Ohkubo noted: “Holy Stone implemented a price increase for Keihin” and as found at last week’s final negotiation with Keihin, “The prices demanded of Keihin were exactly the Holy Stone increased prices.” For Fujitsu, Ohkubo stated: “Requested cooperation for our company’s increase [sic].” For Mitsubishi Himeji, increased price level comparison between Holy Stone and Matsuo is shown. Participants: Holy Stone and Matsuo.</p>	

<b>Ex. No. 1019</b>	<b>May 21, 2008</b>
RUB_003459952	Contact Type: Cup
Document Author: Satoru MIYASHITA	Affiliation: Rubycon
Speaker: Satoru MIYASHITA	Affiliation: Rubycon
<p>Internal report by Rubycon Corporate Officer within the Overseas Sales Department Satoru Miyashita describing members attending a Cup meeting to transact the business of the conspiracy and sharing information about cartel activities including about an effort to conceal the conduct by planting pretextual justifications for price increase in the press. Miyashita wrote: “Today we had a meeting of the five companies in the industry regarding restoring the price.” Miyashita also wrote under [Conclusion] regarding aluminum capacitors: “*The guidelines shall be, for both Japanese and foreign companies, 5% due to soaring material cost and , 7% (in case of US\$) due exchange rates. *Each company creates data such as ①user name (by office), ②transaction currency, and ③necessary corrective rate (large, lead, chip) by the next meeting (June 2), and brings it to the meeting and elects the organizer company.” In addition, “*Each company releases our hard situation in newspapers to do mood-making.” Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.</p>	

  

<b>Ex. No. 1022</b>	<b>June 2, 2008</b>
RUB_001769265	Contact Type: Cup
Document Author: Satoru MIYASHITA	Affiliation: Rubycon
Speaker: Satoru MIYASHITA	Affiliation: Rubycon
<p>Internal report by Rubycon Corporate Officer within the Overseas Sales Department Satoru Miyashita describing members attending a Cup meeting to transact the business of the conspiracy and sharing information about cartel activities including about an effort to conceal the conduct by planting pretextual justifications for price increase in the press. The table under the section “2. Corrective Rates (%)” shows each company’s corrective rate by product type (8 Φ or under, 10 Φ or above, chips, and LB) or exchange rate. The next section “3. Each Company’s Handling and Organizing Company” assigned attendee companies responsible for leading negotiations with some 40+ specific customers. This section further states, “For the makers in European and American lines and others, we will handle it by each company brainstorming it locally.” The final section “About What is Carried in Newspapers” of the minutes notes that NCC is “Making a request to carry in the first part of June the comments of Director Hiraoka in the Dempa newspaper.” Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.</p>	



<b>Ex. No. 1025</b> RUB_001291692 Document Author: Shoe IDE Speaker: Shoe IDE	<b>July 15, 2008</b> Contact Type: Cup Affiliation: Rubycon Affiliation: Rubycon
Meeting report recording members transacting the business of the conspiracy at an MK meeting in Tokyo and sharing information about cartel activities. Companies N (Nichicon), C (NCC), H-AIC (Hitachi), E (ELNA) and R (Rubycon) attended. The first item listed under “Agenda Items” concerned “N Company [Nichicon]” and “Chairman Takeda’s Goal of Unanimously Raising Prices.” It states: “We will gather the persons responsible for Sales, and proceed with Raising all prices overseas and domestically from August 1 delivery amounts.” The second section “About Situations for Handling it by Maker,” listed outcomes of the attendees’ negotiations with certain identified customers. Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.	
<b>Ex. No. 1204</b> PAN_0000218 Document Author: Masahiro UMEDA Speaker: Yuji YANAGAWA	<b>February 17, 2008</b> Contact Type: JFC Affiliation: Panasonic Affiliation: Nissei
Handwritten notes by Panasonic executive Masahiro Umeda recording members transacting the business of the conspiracy and reflecting sharing of information about implementation at a JFC meeting in Tokyo. Attendees discussed aspects of each company’s business and outlook. “Regarding the price increase,” Nissei planned it to occur “after September” for “foreign companies [to] increase” and planned it for “Japanese companies (regardless of their size) starting in October.” Nissei further stated, “If no consent is obtained, there will be no supply.” Participants: Hitachi, NCC, Nissei, Okaya, Shinyei, and Taitsu.	
<b>Ex. No. 1303</b> RUB_001289028 Document Author: Satoru MIYASHITA Speaker: Takeshi MATSUZAKA	<b>June 18, 2008</b> Contact Type: Bilateral Affiliation: Rubycon Affiliation: NCC
Notes by Rubycon Corporate Officer Satoru Miyashita regarding a meeting with NCC’s Matsuzaka and Shirakata at which they transacted the business of the conspiracy. The notes state in part: “[Purpose] Meeting on raising prices.” The three discussed pricing to the U.S. customers Delta, Emerson and Philips. Regarding Delta, notes state: “Rubycon has already asked for a 5% increase, . . . (Nippon Chemi-Con response) Haven’t submitted an official price yet. Will definitely ask for a price increase.” Regarding Emerson, notes state: (Rubycon response) Explained that it would fundamentally approach them forcefully in the same way as for Delta. (Nippon Chemi-Con response) . . . but will urgently explain the situation to them and have them raise the price.” Regarding Philips, notes state: “General Manager Miyashita submitted our specific price hikes, curbing Nippon Chemi-Con. The US person in charge is visiting Japan tomorrow, so will instruct our side to match the Rubycon price.” Participants: NCC and Rubycon.	

<b>Ex. No. 1356</b> RUB_003345797 Document Author: Norio KASUGA Speaker: Norio KASUGA	<b>February 4, 2003</b> Contact Type: ECC Affiliation: Rubycon Affiliation: Rubycon
Minutes by Rubycon sales manager Norio Kasuga of an ECC Working-level meeting at which members transacted the business of the conspiracy and reassured each other of their commitment to the scheme. “Based on the agreements made at the ECC Joint Meeting held on January 29, a working-level conference was held to discuss price strategies and future pricing policy for Company I (US) [Intel] and Company F (Taiwan) [Foxconn].” Under “[1] Price strategies for F,” Company R [Rubycon] stated: “Reducing the prices at the Auction held before QBR is not a wise move, since this would simply result in the reduction of price levels for other products.” All companies agreed to “Keep the price changes within 2% of the current levels for other items.” Under “[2] Strategies for I,” all companies agreed: “Targeting a price change within 2% range in the primary response for aluminum conductive. Keep it within this range in secondary response as well. Keep the current levels for functional.” Under “[3] Future price strategies for the water-based, low ESR electrolytic capacitors,” Rubycon disclosed their “Price setting (plan)” for each product size. “All companies agreed to R’s plan. This is to be the guideline for new product pricing.” Participants: ELNA, Fujitsu, Nichicon, NCC, Rubycon, and SANYO.	
<b>Ex. No. 1363</b> RUB_001781890 Document Author: Shoe IDE Speaker: Shoe IDE	<b>June 25, 2008</b> Contact Type: Cup Affiliation: Rubycon Affiliation: Rubycon
Minutes by Rubycon Corporate Officer within the Sales Planning Department Akira Nakayama of a Cup meeting recording members transacting the business of the conspiracy reassuring each other of their commitment to the scheme and also providing information about cartel activities. Companies N (Nichicon), C (NCC), H-AIC (Hitachi), E (ELNA) and R (Rubycon) attended. The first section of the agenda items reads in part: “Absorption of the steep rise in materials is difficult, and we want to request about 5% for small-model products and 10% for large-model products.” The table under the section “2. Corrective Rates (%)” shows each company’s corrective rate by product type (8 Φ or under, 10 Φ or above, chips, and LB) or exchange rate. The next section “3. Each Company’s Handling and Organizing Company’s Actual movements” assigned attendee companies responsible for leading negotiations with some 40+ specific customers. This section further states, “For the makers in European and American lines and others, we will handle it by each company brainstorming it locally.” Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.	

<b>Ex. No. 1540</b>	<b>September 13, 2006</b>
MATSUO 00065290	Contact Type: MK
Document Author: Akitsugu MIYANISHI	Affiliation: Matsuo
Speaker: Katsutoshi TAKAMURA	Affiliation: ELNA
Meeting report by Matsuo sales manager Akitsugu Miyanishi recording members transacting the business of the conspiracy at an MK meeting in Tokyo. SANYO's Nishiyama stated: "there is a request from Taiwan and Korean manufacturers for a price reduction, but we don't care (we won't do it)." ELNA's attendee stated: "Price increase and order cuts are being conducted at the same time → pressure is getting high." And negotiations with customers Sony, Pioneer, JVC, and Kenwood are described. Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	

  

<b>Ex. No. 1570</b>	<b>September 14, 2007</b>
SHINYEI-00000493	Contact Type: JFC
Document Author: Satoshi TANABE	Affiliation: Shinyei
Speaker: Satoshi TANABE	Affiliation: Shinyei
Minutes of a JFC meeting at Toshin Kogyo's office in Tokyo written by Shinyei executive Satoshi Tanabe, sharing information about cartel activities. Minutes include sections of "Industrial News," "Self-statistics," and "Circumstances of each company." Summary section of the minutes at the end reads in part: "Several companies have strongly requested Matsushita [Panasonic] not to lower the price (instead, to jerk it up) . . ." Participants: Hitachi, Nissei, Nitsuko, Panasonic, Shinyei, Soshin, Taitsu, and Toshin Kogyo.	

  

<b>Ex. No. 1581</b>	<b>December 10, 2009</b>
SHINYEI-00000481	Contact Type: JFC
Document Author: Satoshi TANABE	Affiliation: Shinyei
Speaker: Kazutoshi SUZUKI	Affiliation: NCC
Minutes of a JFC meeting in Tokyo written by Shinyei executive Satoshi Tanabe, recording members transacting the business of the conspiracy. Attendees discussed aspects of their business and outlook for both film capacitors and aluminum capacitors. Toshin Kogyo's attendee stated at the meeting: "Film may be more profitable than aluminum." NCC's attendee Kazutoshi Suzuki stated: "Trying to get contract prices back for Chinese products" and "Improvising to raise the average unit price." A section under "Other info" at the end of the report states: "Hitachi's AIC tantalum with its market will be sold to a company in Taiwan (Holy Stone, they purchased machines for manufacturing purposes) in the springtime (when the company restructures itself)." Participants: Hitachi, NCC, Nissei, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	

<b>Ex. No. 1582</b> SHINYEI-00000457 Document Author: Satoshi TANABE Speaker: Kazutoshi SUZUKI	<b>February 10, 2010</b> Contact Type: JFC Affiliation: Shinyei Affiliation: NCC
Minutes of a JFC meeting in Tokyo written by Shinyei executive Satoshi Tanabe, recording members transacting the business of the conspiracy. NCC's attendee stated: "The aluminum electric industry is currently conducting a push-back on prices" and "this will be started in October 2009." Minutes also state: "in terms of aluminum, Rubycon has already implemented [push-back of prices], and Nippon Chemi-Con will start from January." Participants: NCC, Nissei, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 1591</b> SHINYEI-00000467 Document Author: Satoshi TANABE Speaker: Yuji YANAGAWA	<b>December 8, 2011</b> Contact Type: JFC Affiliation: Shinyei Affiliation: Nissei
Minutes of a JFC meeting in Tokyo written by Shinyei executive Satoshi Tanabe, recording members transacting the business of the conspiracy. Minutes include discussion of a market turnaround, and "orders are positive from January." NCC reported on its inventory levels returning to appropriate levels following the Tohoku earthquake. Taitsu stated: "The Control Division of the Capacitor Division are coming to work 3 days a week." Toshin Kogyo reported on its aluminum capacitor business. Nissei stated that it has returned as a full member of the JFC following its bankruptcy and reported its sales operations and market sector breakdown. Nissei further stated: "Last year, the amount of increase in unit price contributed to profit (2 to 3 times more); efforts will be made in the future too so that prices don't fall." Participants: NCC, Nissei, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 1598</b> SHINYEI-E-000692844 Document Author: Satoshi TANABE Speaker: Yuji YANAGAWA	<b>December 9, 2012</b> Contact Type: JFC Affiliation: Shinyei Affiliation: Nissei
Compendium of minutes of JFC meetings from September 2007 through September 2012 written by Shinyei's Okumura or Tanabe recording members transacting the business of the conspiracy. At the September 9, 2012 meeting, attendees discussed demand, performance, and prices offered by Nissei. Nissei's Yanagawa listed as attending and making a presentation at the May 2012 session. Toshin Kogyo reported: "As an aluminum electrolytic capacitor manufacturer, there have been requests from customers for solid systems." Participants: NCC, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	

<b>Ex. No. 1599</b> SHINYEI-E-000099048 Document Author: Satoshi TANABE Speaker: Satoshi TANABE	<b>April 20, 2012</b> Contact Type: JFC Affiliation: Shinyei Affiliation: Shinyei
Compendium of minutes of JFC meetings from September 2007 through September 2012 written by Shinyei's Okumura or Tanabe identifying the membership and recording members transacting the business of the conspiracy and reassuring each other of their commitment to the scheme. April 20, 2012 notes by Tanabe reflect effort to recruit back Nissei and state in part: "3) . . . The JFC meeting will be continued... This is confirmed with each member party. 4) Nissei Electric will rejoin... Their joining is approved." Attendees discussed their performance and demand in various markets. A note in the penultimate section states: "Some requests have been received to replace aluminum electrolytics in favor of film in power conditioners for use in industrial equipment." Participants: NCC, Nissei, Okaya, Shinyei, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 1630</b> NICHICON0014783 Document Author: Iwao KOIBUCHI Speaker: Akio YOKOYAMA	<b>January 23, 2002</b> Contact Type: ECC Affiliation: Nichicon Affiliation: ELNA
Report authored by Nichicon corporate officer Iwao Koibuchi of a January 23, 2002 ECC Presidents' meeting. Mr. Koibuchi reports that ELNA President Akio Yokoyama indicated that face-to-face communication would reassure the members of their commitment to the conspiracy in stating, "We agreed on having discussion face to face so as to keep good relations and communication. Oversea deployment is happening at a steep pitch and we are moving forward with the belief that we should take these meetings from a global perspective." Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, Panasonic, Rubycon, and SANYO.	

<b>Ex. No. 1631</b>	<b>May 15, 2003</b>
RUB_002306694	Contact Type: ECC
Document Author: Kazuhiko MITSUHORI	Affiliation: Rubycon
Speaker: Yoshimori HIRAOKA	Affiliation: NCC
Report authored by Rubycon executive Kazuhiko Mitsuohori of an ECC meeting and ECC Joint Spring Presidents' meeting recording members transacting the business of the conspiracy. Rubycon's Managing Director Shinoda stated, "For the price issue, we hope that every company will work towards sustaining prices mutually." Under "3. Opinion Exchange," NCC's Director Hiraoka noted: "There is also a strict view on agreements to fix prices nowadays. It will be difficult to be strictly bound." NCC President Tokiwa advocated for concealing the cartel's operation in stating: "If we carry out the meeting for the purpose of a social gathering, it will be possible to avoid the worst situation. Indeed, an 'agreement to fix prices' cannot be carried out. That is why it is important to have a meeting to discuss internally." Participants voted on the new name for the meeting which would merge ECC meeting and EC meeting, and "'ATC Meeting' was decided upon." Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, Nichicon, NCC, Panasonic, ROHM, Rubycon, and SANYO.	
<b>Ex. No. 1640</b>	<b>August 29, 2002</b>
RUB_000006436	Contact Type: ECC
Document Author: Yukitoshi HAYASHI	Affiliation: Rubycon
Speaker: Yukitoshi HAYASHI	Affiliation: Rubycon
Report by Rubycon sales executive Yukitoshi Hayashi about a two-day ECC meeting among seven companies that began August 29, 2002. Mr. Hayashi notes that attendees advanced the conspiracy by discussing "how to avoid price reductions as far as possible in [sic] ecological products" and resolving to "create a common script and bring it to the next meeting, in order to deal with demands for discounts." Participants: ELNA, Hitachi, NCC, Nichicon, Panasonic, Rubycon, and SANYO.	
<b>Ex. No. 1645</b>	<b>June 8, 2004</b>
AVX_0163633	Contact Type: Bilateral
Document Author: Willing KING	Affiliation: AVX
Speaker: Willing KING	Affiliation: AVX
Emails reflecting the sharing of information about cartel activities and coordination between AVX and KEMET. AVX's Willing King emailed his AVX colleague Gordon Hoey to advise "feedback from tea leaves that Pete and I read" which was that regarding TPM parts, AVX was at \$1.29 and others were at \$1.80, and on A case parts, AVX was at 0.025 and others were at around 0.030 to 0.035. King asked Hoey, "anyway we can go back and requote the A to higher like 0.28 to 0.029 and the TPM up higher??" On the same chain AVX's Steve Rabe noted in part "our price is high vs. KEMET. We can do but we won't because it will reduce our global price and hurt Europe." In the concluding message King stated, "Be careful of the email trail and who you copy or include...some may take it the wrong way...Best to delete some of the internal verbiage." Participants: AVX and KEMET.	



<b>Ex. No. 1720</b> MATSUO 00000959 Document Author: Akitsugu MIYANISHI Speaker: Takumi SHIMIZU	<b>November 10, 2005</b> Contact Type: MK Presidents' Affiliation: Matsuo Affiliation: Matsuo
Meeting report recording members transacting the business of the conspiracy. Minutes of two-day Presidents' Meeting reported on by Akitsugu Miyanishi of Matsuo. NEC TOKIN's Oka attendee reported about AVX market share information and stated that "KEMET is undergoing troubles also due to the replacement of top management." All participants discussed each company's business performance and outlook. Matsuo announced: "Price reduction: maintaining around 5%." Participants: ELNA, Fujitsu, Hitachi, Matsuo, Nichicon, NCC, Rubycon, and SANYO.	
<b>Ex. No. 1725</b> HIT00086241 Document Author: Hideaki OCHIAI Speaker: Hideaki OCHIAI	<b>June 10, 2008</b> Contact Type: MK Presidents' Affiliation: Hitachi Affiliation: Hitachi
Meeting report recording members transacting the business of the conspiracy. Hitachi's Ochiai reports to his Hitachi colleagues a Presidents' meeting held for two days from June 4 to June 5 in 2008. Attendees discussed the outlook for demand, as well as input costs for making tantalum capacitors. Under the section "5.2 Aluminum [capacitors] related," report states: "Each company has started price increases, approach of asking for materials price increases from customers as price corrections is [sic] in process." Participants: Fujitsu, Hitachi, Matsuo, NEC TOKIN, NCC, and Rubycon.	
<b>Ex. No. 1760</b> RUB_002308600 Document Author: Hitoshi KOBAYASHI Speaker: Kenzaburo KURATA	<b>November 14, 2001</b> Contact Type: ECC Presidents' Affiliation: Rubycon Affiliation: Matsuo
Report authored by Rubycon sales executive Hitoshi Kobayashi of an ECC Presidents' meeting among 11 companies held on November 14, 2001 at Hotel Wakamizu, in Takarazuka, Hyogo Prefecture, Japan. Mr. Kobayashi reports that President Kenzaburo Kurata of Matsuo in effect sought to recruit participants into deeper levels of collusive cooperation when he stated in part, "Cooperation should not be limited to pricing issues, don't you think?" Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, Nichicon, NCC, Panasonic, ROHM, Rubycon, and SANYO.	



<b>Ex. No. 1781</b> RUB_003459989 Document Author: Akira NAKAYAMA Speaker: Akira NAKAYAMA	<b>June 25, 2010</b> Contact Type: Cup Affiliation: Rubycon Affiliation: Rubycon
Meeting report recording members transacting the business of the conspiracy. Rubycon minutes of a Cup meeting. Companies N (Nichicon), C (NCC), H-AIC (Hitachi), E (ELNA) and R (Rubycon) attended. The first section of the agenda items reads in part: "Absorption of the steep rise in materials is difficult, and we want to request about 5% for small-model products and 10% for large-model products." The table under the section "2. Corrective Rates (%)" shows each company's corrective rate by product type (8 Φ or under, 10 Φ or above, chips, and LB) or exchange rate. The next section "3. Each Company's Handling and Organizing Company's Actual movements" assigned attendee companies responsible for leading negotiations with some 40+ specific customers. This section further states, "For the makers in European and American lines and others, we will handle it by each company brainstorming it locally." Participants: ELNA, Hitachi, Nichicon, NCC, and Rubycon.	
<b>Ex. No. 1859</b> RUB_001531695 Document Author: Keiichi KIMURA Speaker: Kaname TAKAHASHI	<b>September 19, 2005</b> Contact Type: ASEAN SM Affiliation: Rubycon Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy. Minutes of an ASEAN SM meeting in Singapore written by Rubycon's Kimura. Attendees discussed aspects of their business and outlook. Chemi-Con [NCC]'s Takahashi stated: "There are instructions from Japan for zero price decreases, to increase prices if possible, and to prioritize profits." Matsushita [Panasonic]'s Nishizaka stated: "In North Amercia as well, their policy is to expand sales of CTR [sic] and TVs, . . ." Participants: ELNA, Nichicon, NCC, Panasonic, and Rubycon.	
<b>Ex. No. 1868</b> RUB_001624808 Document Author: Mutsuhiko KOIKE Speaker: Tadaaki NISHIZAKA	<b>October 19, 2006</b> Contact Type: ASEAN SM Affiliation: Rubycon Affiliation: Panasonic
Meeting report recording members transacting the business of the conspiracy. Minutes of an SM meeting written by Rubycon's Koike. Matsushita [Panasonic]'s Nishizaka stated: "Orders from Bosch, which came beyond the allocated quota, have reverted to normal from July after making a complaint. We asked that prices be increased by 20%. We have been negotiating for a 10-15% price increase with North American companies, to whom products were sold at a low price. We've succeeded in raising prices by 5-7%." Participants: ELNA, Nichicon, NCC, Panasonic, and Rubycon.	

<b>Ex. No. 1902</b>	<b>October 5, 2003</b>
PAN-C2256358	Contact Type: ATC
Document Author: Shinji TAKAGAKI	Affiliation: SANYO
Speaker: Shinji TAKAGAKI	Affiliation: SANYO
<p>Meeting report recording members transacting the business of the conspiracy. SANYO's Takagaki emailed his colleagues minutes of a Capacitor Committee Taiwanese Information Exchange Meeting. Takagaki explained in part: "There is something called the International Trade Meeting of the ATC . . . , and the 5 companies of Nichicon, Nippon Chemi-Con, Rubycon, ELNA and Sanyo are members. . . . This time, a Japanese/Taiwanese information exchange meeting was hosted." The record of the afternoon part of the meeting reads about E-bids: "Presentation about E-Bid was given, and it was explained that Japanese companies initially fell into the traps of Dell, etc., but most recently sufficient information exchanges are held among the companies with countermeasures taken to stop useless competitions; . . ."</p> <p>Participants: ELNA, Nichicon, NCC, Rubycon, and SANYO.</p>	

  

<b>Ex. No. 1938</b>	<b>July 29, 2005</b>
RUB_001213802	Contact Type: Multilaterals (Other)
Document Author: Yoshiyuki OUCHI	Affiliation: Rubycon
Speaker: Yoshiyuki OUCHI	Affiliation: Rubycon
<p>Meeting report recording members transacting the business of the conspiracy. Rubycon's Ouchi internally reports on a trilateral meeting that he had with Nichicon's General Manager Shiozaki and NCC's General Manager Ohno to discuss pricing for Sony. Email from Yoshiyuki Ouchi reports in part: "Malaysia region: Chip Nichicon bottom us\$11.00 Nippon Chemi-Con us\$11.20 This time, how about around us\$10.90?"; "Japan The bottom in chips is Nippon Chemi-Con 4Ø @1.43 Will they bringing it down to @1.40 this time? [They] do not believe that they would go under @1.40, . . ."; "In [sic] the 105°C, Rubycon and Nippon Chemi-Con are at the bottom @1.80. So how about 1%-2% or so? The opinion is that @1.78 or @1.79 or so is appropriate."; and "Regarding water-based, it will be left up to Rubycon. Whether 1, or 2 or 3%, just so so. We will match. Let us know on Monday." Participants: Nichicon, NCC, and Rubycon.</p>	

<b>Ex. No. 1999</b>	<b>December 25, 2006</b>
RUB_002306740	Contact Type: Cup
Document Author: Shoe IDE	Affiliation: Rubycon
Speaker: Shoe IDE	Affiliation: Rubycon
<p>Meeting report recording members transacting the business of the conspiracy. Rubycon's Shoe Ide reported his Rubycon colleagues including Nakayama on the Cup Meeting held on December 22, and Nakayama forwarded it to Rubycon's Shirotori and Kasuga. Ide stated that "we discussed the "Delta" matter in advance" and reported the following: "① request for cooperation on revising delivery prices (submission of the draft base letter by NCC)" ; "② Items subject to price revisions and the revision rate" to which Ide added: "Though it will differ depending on the sales activities of each company, the rate of increase will be set for the entire industry." Under this topic, Ide also reported the specific price increase rates by aluminum electrolytic capacitor product type ranging from 10% to 20%." ; "③ Timing of new prices: From April 1, 2007 deliveries" ; and "④ Within Rubycon, there is a request to coordinate on the following matters for manufacturers on which we would like to make a move on prices" to which Ide listed details per company including Epson, Canon, Mitsumi Electric among others. Participants: Hitachi, Nichicon, NCC, and Rubycon.</p>	
<b>Ex. No. 2004</b>	<b>September 28, 2011</b>
RUB_003535666	Contact Type: Hong Kong SM
Document Author: Mutsuhiko KOIKE	Affiliation: Rubycon
Speaker: Hitoshi ARIMA	Affiliation: NCC
<p>Meeting report recording members transacting the business of the conspiracy. Series of internal emails by Rubycon's Mutsuhiko Koike to his Rubycon colleagues. Recipients include Miyashita and Shirotori. First email includes a report about a Hong Kong SM meeting also attended by Ketsukon [NCC]'s Arima and Nichicon's Kawai. NCC's Arima states that there is no way they will lower prices. A later update notes Koike's contact with Masaru Shirakata, president of NCC's Shanghai subsidiary and director NCC's Hong Kong subsidiary. Koike stated that Shirakata "confessed" to a price reduction. Koike stated: "I got a little angry and said 'I haven't heard about this at all! Stop fooling around!'" and indicated sarcasm in later writing, "It's a free economy, after all." Koike then suggested: "Price reductions in Japan are still price reductions, and we should (must!) complain strongly" to Noriaki Kakizaki, head of NCC's Sales Department. Subject line of the emails includes "(handle with care)." Participants: Nichicon, NCC, and Rubycon.</p>	

<b>Ex. No. 2167</b>	<b>March 15, 2006</b>
RUB_003459889	Contact Type: ASEAN SM
Document Author: Mutsuhiko KOIKE	Affiliation: Rubycon
Speaker: Mutsuhiko KOIKE	Affiliation: Rubycon
Meeting report recording members transacting the business of the conspiracy. Minutes of an ASEAN SM meeting in Singapore written by Rubycon's Koike. Nichicon's attendee Sugishita stated: "... being told from Japan absolutely do not allow price decreases." NCC's attendee Takahashi stated: "From Japan, there are instructions to raise prices! And to raise prices at the risk of orders being transferred." Koike stated for Rubycon, "To engage in a price reduction competition with ASEAN, a deteriorating region, is a foolish war of attrition, so I told them to stop engaging in such behavior." Participants: ELNA, Nichicon, NCC, Panasonic, and Rubycon.	

  

<b>Ex. No. 2194</b>	<b>June 15, 2012</b>
RUB_000646220	Contact Type: ASEAN SM
Document Author: Mutsuhiko KOIKE	Affiliation: Rubycon
Speaker: Kaname TAKAHASHI	Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy. Rubycon minutes of an ASEAN SM meeting in Singapore attended by NCC's Kaname Takahashi among others. Minutes state in part: "ASEAN market is relatively calm, and we are basically avoiding unnecessary discount competition, so we have gotten close each other as the gentleman." Attendees discussed market conditions and exchange rate policies. NCC's Takahashi noted: "Sales for snap-in has progressed for overseas expansion such as Malaysia, China, and America." Participants: Nichicon, NCC, and Rubycon.	

  

<b>Ex. No. 2331</b>	<b>February 18, 2010</b>
RUB_001968085	Contact Type: MK
Document Author: Akira NAKAYAMA	Affiliation: Rubycon
Speaker: Tomohiro DATE	Affiliation: TOKIN
Meeting report recording members transacting the business of the conspiracy. NEC TOKIN's Date stated in part: "As to SONY, we could restor[e] the price by 10% price in January (only those for overseas in dollar)." And "As to Panasonic, we are maintaining the current price. However, the quantity is limited to 1,700k per month, and for orders of 2,000k per month, we will request a price increase. (That is to say, this is a strategy of implementing price restoration by setting a frame.)" NCC's Ohno explained the results of its price increase action in overseas and domestic markets respectively and apologizes to Rubycon for decreasing price in a prior occasion. Participants: ELNA, Hitachi, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	

<b>Ex. No. 2570</b>	<b>April 21, 2004</b>
RUB_000678889	Contact Type: ATC
Document Author: Kazuhiko MITSUHORI	Affiliation: Rubycon
Speaker: Kazuhiko MITSUHORI	Affiliation: Rubycon
Meeting report recording members transacting the business of the conspiracy. Under “1. Presidents Meeting (May 14-15) Agenda Proposals,” Nippon Chemi-Con’s Hiraoka stated “We believe it is better to confirm the intentions of ROHM. The reason is that if we allow a pay-off for trouble making, it would be likely to impact the activities of the meeting itself. We would like to avoid competition. We would like to ask for cooperation.” Under “2. Setting the price of the environmental countermeasure products,” Rubycon’s Mitsuohori stated “Rubycon has been explaining the material cost increase when explaining the cost increase due to the yen appreciation. In addition, we have instructed (our workers) to discuss a 5% increase for the lead-free products during a new inquiry.” Under “3. Current Status Report,” NEC TOKIN’s Date stated “The price reduction has been kept at about 3.5% in the 1st Half, and at about 3% in the 2nd Half.” Participants: ELNA, Hitachi, Matsuo, NEC TOKIN, Nichicon, NCC, Rubycon, and SANYO.	
<b>Ex. No. 2571</b>	<b>May 13, 1994</b>
RUB_002308583	Contact Type: ATC
Document Author: Kazuhiko MITSUHORI	Affiliation: Rubycon
Speaker: Ippei TAKEDA	Affiliation: Nichicon
Meeting report recording members transacting the business of the conspiracy. Nichicon’s President Takeda began the meeting with a speech in which he stated in part, “The digital era is the era of price destruction. It is important to speed up and quickly gain ground in doing business. In order to do that, I would like to deepen the information exchange through the AT meetings.” Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, Nichicon, NCC, Rubycon, and SANYO.	
<b>Ex. No. 2572</b>	<b>June 17, 2004</b>
RUB_000678912	Contact Type: ATC
Document Author: Kazuhiko MITSUHORI	Affiliation: Rubycon
Speaker: Isamu NISHIYAMA	Affiliation: SANYO
Meeting report recording members transacting the business of the conspiracy. Attendees discussed business performance and outlook. SANYO’s Nishiyama stated “From September-October we plan on price maintenance by causing a product shortage. → AVX also raised prices.” Participants: ELNA, Hitachi, Matsuo, NEC TOKIN, Nichicon, NCC, Rubycon, and SANYO.	

<b>Ex. No. 2769</b> HIT00109849 Document Author: Takeshi NISHIJIMA Speaker: Isamu NISHIYAMA	<b>November 11, 2004</b> Contact Type: Affiliation: Hitachi Affiliation: SANYO
Meeting report recording members transacting the business of the conspiracy. Meeting attendees expressed the need for cooperation, and reached a general consensus to make such effort to improve profit. SANYO's Nishiyama stated "We planned . . . However, if we were to act according to the plan, prices will fall. We will decrease inventory to protect profit." Participants: ELNA, Fujitsu, Matsuo, NEC TOKIN, Nichicon, NCC, ROHM, Rubycon, and SANYO.	
<b>Ex. No. 2813</b> PAN-C2691226 Document Author: Hiroya NISHIMOTO Speaker: Hiroya NISHIMOTO	<b>October 20, 2008</b> Contact Type: Bilateral Affiliation: SANYO Affiliation: SANYO
Notes recording meetings of members transacting the business of the conspiracy. The first meeting was with AVX's Peter Collis and KEMET's Werner Lohwasser. The three discussed tantalum powder supply. Details section of October 20, 2008 meeting reads in part: "They said that they presented price increases to Nokia also. When asked what was up with Sanyo, I said that we of course asked for price increases." Another detail reads: "As KEMET policy, they will increase prices on tantalum polymer. A double-digit price increase. Perhaps 20% or 50% or so. When asked 'What will SANYO do?' I replied that the policy is to increase prices." Participants: AVX, KEMET and SANYO.	
<b>Ex. No. 2871</b> UCC-CAP-00144484 Document Author: Tsuneo OHTA Speaker: Tsuneo OHTA	<b>August 25, 2011</b> Contact Type: Bilateral Affiliation: UCC Affiliation: UCC
Emails recording members transacting the business of the conspiracy. Tsuneo Ohta, President of UCC, confirms with Noriaki Kakizaki, NCC Executive Managing Director, Sales Headquarters, that Ohta had confirmed Kakizaki's "instruction that we have to start to use an exchange rate of \$=74 Yen for New quotations." UCC Vice President for Sales & Marketing Tony Olita is copied. A discussion of exchange rates follows. Ohta then notes in a follow-up email to UCC's Olita: "According to the information today, Nichicon HQ will increase their internal price to all overseas group companies by 5% from Sep/01/11." Participants: NCC, Nichicon and UCC.	



<b>Ex. No. 4659</b> HS00113621 Document Author: Katsunori SATO Speaker: Katsunori SATO	<b>March 23, 2012</b> Contact Type: MK Affiliation: Holy Stone Affiliation: Holy Stone
Emails recording members transacting the business of the conspiracy. Katsunori Sato writes to Holy Stone employees that the next Market Study (MK) meeting will take place at Holy Stone's office. Holy Stone's Ken Sato responded "I understand" and asked Katsunori Sato to share information he might have from NEC TOKIN's Date. Katsunori Sato responded with information regarding KEMET. Participants: ELNA, Holy Stone, Matsuo, NEC TOKIN, Nichicon, and Rubycon.	
<b>Ex. No. 4713</b> RUB_001806294 Document Author: Matsuhiko KOIKE Speaker: Hitoshi ARIMA	<b>November 18, 2008</b> Contact Type: Hong Kong SM Affiliation: Rubycon Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy. Under the section "Information exchange between companies," NCC's Arima discussed market conditions in the United States. Nichicon's attendee reported that it was "continuing to make price reversions (but NCC is complaining about their halfhearted attempts)." Minutes also included: "Price policies: We will definitely not reduce prices in upcoming negotiations with Emerson, Delta, and Lite-On. Each company will revert prices on unprofitable products. We will maintain a 5% increase for halogen products. NCC confirmed with us that they would like us to proceed with the same policy for Lite-On." Participants: Nichicon, NCC, and Rubycon.	
<b>Ex. No. 4770</b> NEC-C0025280 Document Author: Hideaki SATO Speaker: Hideaki SATO	<b>December 14, 2009</b> Contact Type: Bilateral Affiliation: TOKIN Affiliation: TOKIN
Emails recording members transacting the business of the conspiracy and sharing information about cartel activities. Internal email thread subject line is "Regarding the request for 4Q Manganese price increase." NEC TOKIN's Shinji Arai asked NEC TOKIN's Sato, "While we need to increase the shipment as you can see in the case of AVX, I would ask you to examine taking an urgent measure for our selling price being too low." Sato responded in part: "AVX was only able to increase the price of the large size Mn for which the competitor is within tantalum. Teaming with KEMET, it increased the price as much as 20-30%." Participants: KEMET and NEC TOKIN.	



<b>Ex. No. 4900</b> TAITSU-000006008 Document Author: Shinobu ISHIGAMI Speaker: Shinobu ISHIGAMI	<b>April 24, 2013</b> Contact Type: JFC Affiliation: Taitsu Affiliation: Taitsu
Emails recording members transacting the business of the conspiracy. Taitsu's Ishigami wrote emails between March 15, 2010 and April 25, 2013, many of which included competitor information which Ishigami obtained via contacts with an individual competitor or in JFC meetings he attended as a Taitsu representative. On July 22, 2010, Nitsuko told Ishigami about the price increase request for PP line and PET line so that "they cannot but accept it." On November 30, 2010, when Ishigami met with NCC's Katsutoshi Suzuki and Atsushi Katakura, NCC outlined its sales policy: "If price is not feasible, then [we will] increase the price. If it is switched to another company as the result, then there's nothing we can do about it." Participants: Hitachi, NCC, Nitsuko, Okaya, Shinyei, Soshin, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 5110</b> RUB_001989456 Document Author: Kenichi KIKUCHI Speaker: Hitoshi ARIMA	<b>June 8, 2010</b> Contact Type: Hong Kong SM Affiliation: Rubycon Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy. In addition to Hong Kong personnel, Shirakata of NCC's Shanghai subsidiary attended the meeting. NCC's attendee reported that "Profits started to pick up from March and improved significantly in April as a result of the price adjustment . . . . We are intensively busy in the East Asia region, followed by busy-ness in U.S. and Europe." NCC's attendee also reported two 5% increases on capacitors sold in China, and noted "it is predicted that the discussion with sales agents will focus on the Taiwan-related products in the second half to restore prices by adjust for a few percent in line with Rubycon." Participants: Nichicon, NCC, and Rubycon.	
<b>Ex. No. 5254</b> RUB_003343141 Document Author: Satoru MIYASHITA Speaker: Satoru MIYASHITA	<b>January 29, 2003</b> Contact Type: ECC Affiliation: Rubycon Affiliation: Rubycon
Email with attached meeting report recording members transacting the business of the conspiracy. Cover email includes "please delete this email after reading." In the meeting report under "1. Price level recovery in foreign markets," minutes read: "While price reduction has been stopped in Japan based on agreements made at the Presidential Meeting, prices in overseas markets are dropping with no end in sight, causing a fundamental problem to the management of each company." Miyashita stated: "Based on 'Overseas Sales Price Harmonization' adopted at the ECC meeting on December 18 last year, the Trade Committee held a conference on January 17 this year." Under the "Discussion" section, SANYO's Nishiyama proposed, "Guideline should not be about the %, but set the bottom price to ensure compliance. Moreover, fixing the prices of current models means that the share will also remain intact." Miyashita also stated: "Major cause of the price destruction is e-Auction" mentioning U.S. customers Intel and Dell. Participants: ELNA, Hitachi, Nichicon, NCC, Rubycon, and Panasonic.	

<b>Ex. No. 5705</b> NICHICON0014858 Document Author: Taizo TODA Speaker: Eichi SUGINAGA	<b>November 20, 2003</b> Contact Type: Bilateral Affiliation: Nichicon Affiliation: Hitachi
Emails recording members transacting the business of the conspiracy. Hitachi's Suginaga emailed individuals at Nichicon and NCC to correct earlier erroneous price quotations for the products No. 7 and No. 8. "We heard from Sotomuta-san. It seems there was an error in the current price. He said 'sorry for troubling you.'" Nichicon's Toda responds to correct the price of another product NO20 and writes in part: "Sorry for repeatedly bothering you. [Please be sure to delete this email after reading.]" Participants: Hitachi, Nichicon, and NCC.	
<b>Ex. No. 5901</b> HIT00001221 Document Author: Takeshi NISHIJIMA Speaker: Yoshimori HIRAOKA	<b>March 14, 2005</b> Contact Type: MK Affiliation: Hitachi Affiliation: NCC
Meeting report recording members transacting the business of the conspiracy. Hitachi report about an MK meeting that sets forth statistics for "Company #9" broken out into six categories of aluminum capacitors and two categories of tantalum capacitors. Under "1. Price Issues" report states: "ELNA has started negotiation with Sony regarding price increases. They are targeting 5%."; "Nippon Chemi-Con is increasing prices by 5% for foil."; "Currently in the capacitor business, price increase directions are not being followed. This is due to a bad sales team structure, where it is hard to recover from the trauma of having cut your own throat, with work decreasing right after a price increase. . . . Those who do not follow the instructions from Top Down are being fired. It is important to change the structure (Sanyo)." Participants: ELNA, Fujitsu, Hitachi, NEC TOKIN, NCC, Rubycon, and SANYO.	
<b>Ex. No. 5913</b> RUB_000643852 Document Author: Satoru MITASHITA Speaker: Kiyoaki SHIOTORI	<b>November 11, 2011</b> Contact Type: Multilaterals (Other) Affiliation: Rubycon Affiliation: Rubycon
Email containing meeting report recording members transacting the business of the conspiracy. Rubycon's Shiotori sends his colleagues a report about an SM meeting that was also attended by NCC's Ono and Matsuzaka and Nichicon's Shiozaki. Shiotori reported: "The following understanding was reconfirmed by each company. 'When the market is shrinking, orders won't increase by conducting unnecessary price competition. Prices are the only things that remain after price reductions. Even if the market recovers, prices can't be easily reverted. Make appeals based on exchange rate fluctuations and don't give ground on prices.'" Subject line of the email: "SM (Handle with care)." Participants: Hitachi, Nichicon, NCC, and Rubycon.	

<b>Ex. No. 7000</b> RUB_003459910 Document Author: Mutsuhiko KOIKE Speaker: Shin KINOSHITA	<b>June 27, 2006</b> Contact Type: ASEAN SM Affiliation: Rubycon Affiliation: ELNA
Meeting report recording members transacting the business of the conspiracy. LNA's Kinoshita stated in part: "At a meeting held last week in Japan, it was said that we would hike prices, Japanese firms in Japan would take the lead in hiking prices, ELNA would not be first but follow." Participants: ELNA, Nichicon, NCC, Panasonic, and Rubycon.	
<b>Ex. No. 7373</b> RUB_000643638 Document Author: Satoru MIYASHITA Speaker: Akihito AI	<b>November 30, 2007</b> Contact Type: Multilaterals (Other) Affiliation: Rubycon Affiliation: Rubycon
Emails recording members transacting the business of the conspiracy. Rubycon's Akihito Ai reports on discussions with Nichicon and NCC regarding the next year prices for customer Delta. NCC's Arima "requested that Nichicon not decrease prices." Rubycon's Ai stated, "if prices are decreased more than this, we will just be shaving off our margin, so there isn't much point. At Rubycon, instructions have been given to increase rather than decrease prices, and the locations are working toward this. The annual negotiation with Dell is over. We also did price recovery." Rubycon's Miyashita who received Ai's report responded: "Please erase Branch Manager Ai's email after you read it. . . . The price negotiations for Emerson and Delta will start soon, so please pay attention to and get as much information about competitors' actions as you can." Rubycon's Miyashita reply email includes in part "Please ease Branch Manager Ai's email after you read it." Participants: Nichicon, NCC, and Rubycon.	
<b>Ex. No. 8013</b> PAN-C008709 Document Author: Tadashi YOSHIDA Speaker: Tadashi YOSHIDA	<b>April 22, 2009</b> Contact Type: Bilateral Affiliation: SANYO Affiliation: SANYO
Emails recording members transacting the business of the conspiracy. SANYO internal email thread with subject line "=TOP SECRET= For Apple." Email from SANYO's Yoshida to his SANYO colleagues regarding a phone conversation with NEC TOKIN's Date begins with a caution, "After you read this email, I ask you to not keep it, and destroy it." Yoshida states that before a price meeting with Apple, NEC TOKIN's Date asked Yoshida about SANYO's prices of the models that both SANYO and NEC TOKIN would be supplying to Apple. Yoshida consulted with SANYO's Takata about what prices to give to NEC TOKIN's Date. After giving SANYO's prices to Date, Yoshida reported back to his SANYO colleagues. The email states that the discussion with Date included a discussion about another customer, HW, and SANYO's Yoshida told Date, "Let's share by two companies." Yoshida then once again asked his colleagues to "delete this email after reading it." Participants: NEC TOKIN and SANYO.	

<b>Ex. No. 8015</b> PAN-CU004366910 Document Author: Hiroya NISHIMOTO Speaker: Hiroya NISHIMOTO	<b>January 25, 2009</b> Contact Type: Bilateral Affiliation: SANYO Affiliation: SANYO
Business trip report recording members transacting the business of the conspiracy. SANYO's Nishimoto includes notes of a meeting in London with senior AVX executives William Millman, Peter Collis, and Gordon Hoey. Nishimoto wrote in part that the meeting's purpose was to "ask about the business situations of KEMET and AVX, and get to know the trends of the industry." Topics discussed include AVX worldwide capacity, AVX capacity utilization, and the status of KEMET. "They exchange information with KEMET and NEC." In a cover email attaching the report, SANYO's Nakashima states he was also present and "We conveyed that we would like to try to facilitate information exchange between our two companies going forward." Participants: AVX, KEMET, NEC TOKIN and SANYO.	
<b>Ex. No. 8089</b> NCC-CAP-00366652 Document Author: Takeshi MATSUZAKA Speaker: Takeshi MATSUZAKA	<b>January 19, 2009</b> Contact Type: Bilateral Affiliation: NCC Affiliation: NCC
Emails recording members transacting the business of the conspiracy. NCC's Matsuzaka emails with subject line "Information on other companies in the same industry (Confidential)" to his NCC colleagues Kakizaki, Ohno, and Chiba. Matsuzaka reported that "At the end of last week, there was an exchange of opinions with Company R [Rubycon] and Company H [Hitachi]. The companies described the "Status of the receipt of orders" for screw-terminal capacitors." The concluding sentence states, "After you have read this email, please delete it." Participants: Hitachi, Nichicon, and NCC.	
<b>Ex. No. 8319</b> RUB_003459993 Document Author: Norio KASUGA Speaker: Tadaaki NISHIZAKA	<b>October 29, 2008</b> Contact Type: ASEAN SM Affiliation: Rubycon Affiliation: Panasonic
Meeting report recording members transacting the business of the conspiracy. Rubycon's Kasuga emails his Rubycon colleagues including Koike, Miyashita, Nakayama, and Shirotori minutes of an ASEAN SM meeting held in Singapore. Meeting attendees included NCC's Takahashi. Panasonic's Nishizaka reported that Panasonic was "Planning negotiations to obtain a target 20% price increase for electrolytic capacitors." Nichicon's Ono stated at the meeting, "Last week, in what is non-aluminum electrolytics, instructions came out from corporate headquarters to implement a price increase for tantalum and circuit parts also." Participants: ELNA, Nichicon, NCC, Rubycon, and Panasonic.	

<b>Ex. No. 8510</b> PAN-CU006189873 Document Author: Tadaaki NISHIZAKA Speaker: Norio KASUGA	<b>February 23, 2010</b> Contact Type: Bilateral Affiliation: Panasonic Affiliation: Rubycon
Emails recording members transacting the business of the conspiracy. Email exchange between Rubycon's Norio Kasuga and Panasonic's Nishizaka. Kasuga notes that he had recently met again with NCC's Takahashi and Nichicon's Ono and asked for information about Panasonic's capacity in Malaysia. Nishizaka provided the requested information and stated that Panasonic was refusing orders beyond those placed before January. Kasuga reported that Rubycon had "ventured to do price increases of considerable % on overseas customers." Participants: Panasonic and Rubycon.	
<b>Ex. No. 8723</b> RUB_003459621 Document Author: Yukitoshi HAYASHI Speaker: Yukitoshi HAYASHI	<b>September 18, 2002</b> Contact Type: ECC Affiliation: Rubycon Affiliation: Rubycon
Report by Mr. Hayashi of Rubycon about a September 18, 2002 ECC meeting in Tokyo recording members transacting the business of the conspiracy. Mr. Hayashi described one of the methods of the conspiracy in noting one "strategy for unification" was to "[e]nable an article in the newspaper → Have a newspaper article say that NIKKEM [Nippon Chemi-Con] was experiencing cost increases." This pretextual justification for price increases also served to conceal the conspiracy. Participants: ELNA, Hitachi, NCC, Nitsuko, Panasonic, and Rubycon.	
<b>Ex. No. 12320</b> ELNA_NDCAL-00956759 Document Author: Tomohiro INOUE Speaker: Yukata SUGISHITA	<b>April 21, 2008</b> Contact Type: ASEAN SM Affiliation: ELNA Affiliation: Nichicon
Meeting reports recording members transacting the business of the conspiracy. A set of ATC meeting minutes produced by ELNA. The time period of the meetings covers from April 2005 to April 2008. The usual participants were companies P [Panasonic], R [Rubycon], C [NCC], and N [Nichicon] and they discussed aspects of business performance and outlook. For example, minutes of an April 2008 meeting include Company R's statement: "The materials price increases are tough, so there were orders for price restoration aiming at 7% up, . . ." and Company N's statement: "Orders to revise price came out." At a January 2008 meeting, Company C stated: "The Japanese headquarters' policy is in the direction of zero discounts in the first half of 2008 . . ." Company P also stated: "Our intent is to prepare to raise prices in April, even internally." At another ATC meeting with the date unknown, Company N stated: "Last fiscal year, we raised prices too much." Participants: ELNA, Nichicon, NCC, Rubycon, and Panasonic.	

<b>Ex. No. 12322</b>	<b>March 17, 2008</b>
ELNA_NDCAL-01290807	Contact Type: MK
Document Author: Yukihiro HARIMA	Affiliation: ELNA
Speaker: Yukihiro HARIMA	Affiliation: ELNA
Meeting report recording members transacting the business of the conspiracy. ELNA's Yukihiro Harima emailed Director Takamura and other ELNA colleagues including Kinoshita, Sonoda, and Okubo: "This is the data from the March industry association meeting." The email attaches summary reports of the meeting attendees including Chemi-Con [NCC] who stated: "Will start to appeal for price increase. Targets 7% for large-sized and 5% for small-sized (eventually to reach 2-3%)." Matsuo's attendee stated: "The February drop in sales was due to . . . and the slump at Motorola USA." Participants: ELNA, Fujitsu, Hitachi, Matsuo, NEC TOKIN, NCC, Rubycon, and SANYO.	
<b>Ex. No. 12398</b>	<b>May 25, 2010</b>
KEM0704193	Contact Type: Bilateral
Document Author: John DRABIK	Affiliation: KEMET
Speaker: John DRABIK	Affiliation: KEMET
Emails recording members transacting the business of the conspiracy. Marc Kotelon of KEMET, Senior VP Global Sales based in Switzerland, writes KEMET colleagues stating: "It is important we properly communicate about the market situation on T-chips and capitalize as much as we can, but w/o impacting the future of the technology, nor overly differentiating our communication from the rest of the market." In light of "mix messages from our competition," Kotelon asks "Can you please activate your contacts and try to wrap up for each of your region a competitive status for the main players, i.e. AVX, VSH, NEC (in Asia) . . . ." John Drabik, KEMET Vice President, Sales - Americas, responds that "AVX has announced a second price increase to Distribution that will be on average 20% and take effect on June 1st. Backlog will also change in 30 days." Participants: AVX and KEMET.	
<b>Ex. No. 12461</b>	<b>October 17, 2002</b>
KEM1395541	Contact Type: Bilateral
Document Author: Bobby UYONO	Affiliation: KEMET
Speaker: Hideo OKA	Affiliation: TOKIN
Emails recording members transacting the business of the conspiracy. KEMET's Bobby Uyono emails his colleague Phil Lessner a memo regarding a dinner meeting between KEMET and NEC TOKIN. At the meeting, NEC TOKIN stated that NEC TOKIN's major competitors in Asia Matsushita and Nichicon each holds "1/3rd of NEC-Tokin's share" and proposed that "the key persons of both companies try to get to together at least 4 times a year" for future collaborations.	



<b>Ex. No. 13196</b> PAN-C0002010 Document Author: Toru MIYOSHI Speaker: Toru MIYOSHI	<b>February 20, 2005</b> Contact Type: JFC Affiliation: Matsushita Affiliation: Matsushita
Meeting reports recording members transacting the business of the conspiracy. Minutes of two JFC meetings, one held in December and another in February. Attendees discussed business outlook in both domestic and global markets including North America. For example, Shinyei's attendee stated: "North America: No major movements. Asia: Growth established through movements by Japanese companies."; Nissei's attendee stated: "For overseas, Asia is in a good condition but North America is bad." The minutes also include [Other] section which reads: "Nichicon and Shizuki have announced price increases in leading power phase capacitors." Participants: Hitachi, NCC, Nitsuko, Nissei, Okaya, Shinyei, Shizuki, Soshin, Taitsu, and Toshin Kogyo.	
<b>Ex. No. 13249</b> PAN-C2733929 Document Author: Shinji TAKAGAKI Speaker: Seiichiro KATO	<b>August 29, 2003</b> Contact Type: ATC Affiliation: SANYO Affiliation: Nichicon
Emails recording members transacting the business of the conspiracy. Minutes of ATC meeting written by a SANYO attendee. Attendees include SANYO's Takagaki and Nishiyama, NEC TOKIN's Date, NCC's Isawa and Matsuzaka, Nichicon's Kato and Suzuki, and Rubycon's Miyashita among others. Matsushita [Panasonic] and ROHM were absent at the meeting. At the outset of the meeting, as an organizer of the meeting, Nichicon's Kato stated: "The purposes of the meeting are to make profits across the companies and to maintain healthy market prices through (among others) exchanging information per market and per category of capacitors, sharing the industry's information and orientation and introducing new products to each other to catch up with the frequently changing market." Participants: ELNA, Fujitsu, Matsuo, NEC TOKIN, Nichicon, NCC, Rubycon, and SANYO.	
<b>Ex. No. 13951</b> UCC-CAP-00927428 Document Author: Tsuneo OHTA Speaker: Anthony OLITA	<b>June 29, 2010</b> Contact Type: Bilateral Affiliation: UCC Affiliation: UCC
Emails recording members transacting the business of the conspiracy. Europe Chemi-Con (ECC)'s Akio obtains Nichicon's letter to customers from Flextronics and informs his colleagues: "Nichicon distributed the near content of our letter (NCC's Tight Supply Situation of Aluminum Electrolytic Capacitors)." Akio's email is forwarded to United Chemi-Con (UCC)'s Tony Olita who explains that Nichicon America President Russ Edwards, whom Olita met at Jabil's Global Supplier Conference the week prior, produced from his pocket the identical letter NCC's Kakizaki had drafted. Nichicon's Edwards "was happy" that NCC had sent this letter out. UCC's Olita further noted: "We both discussed our need for increasing prices to the customers and he agreed . . . Now is the time to make some of our lost money back..." Participants: NCC, Nichicon and UCC.	